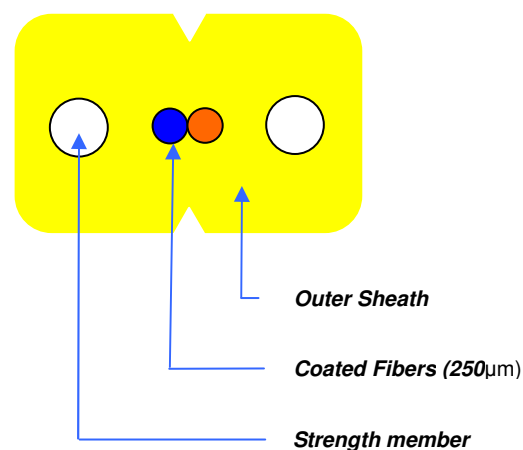


FTTx Indoor-Lite Flat Cable

Product Features:

- Extra-tiny design, suitable for additional insertion into duct
- Tiny slit on both sides to allow easy strip
- Normal sheath or low smoke, zero halogen with fire retardant sheath
- Steel wire or FRP(Fiber Reinforced Plastic) as strength member provide excellent crush resistance and tensile strength
- Bend optimized design for bending sensitively applications such as FTTx and premise network
- Complies with IEC 60793-1, IEC60793-2, IEC 60794, EIA/TIA 598B

Cable's Structure:



Optical Characteristic:

Parameter	Condition	Value
Fiber		Singlemode Fiber
Attenuation	@1310nm	≤ 0.4dB/km
	@1550nm	≤ 0.3dB/km
Zero Dispersion Wavelength		1300~1324nm
Zero Dispersion Slope		≤ 0.090ps/nm ² .km
Cutoff Wavelength		<1260nm
Mode Field Diameter(MFD)	@1310nm	8.6 ± 0.4µm
	@1550nm	10.0 ± 0.5µm
Marcobending Loss	100turns;Φ50mm @1310nm	≤ 0.05B
	100turns;Φ50mm @1550nm	≤ 0.10dB
Fiber Curl Radius		≥ 4m
Cladding Diameter		125 ± 1µm
Coating Diameter		245± 5µm

Mechanical Characteristic:

Parameter		Value
Fiber Count		1 or 2 SMF
Coated Fiber Diameter		250± 5μm
Strength Member Material		Steel / FRP (Φ0.4mm x 2)
Sheath Material		LSZH / PVC
Cable Dimension		2.0mm x 3.1mm
Cable Weight		12 ± 5 kg/km
Max. Allowable Pulling Force	Installation	80 ~ 140N
	Operation	40 ~ 80N
Crush Resistance		400/200 N/10cm
Temperature	Operation	-20℃~+70℃
	Installation	-5℃~+50℃

Ordering Information:

Order No.	Fiber count	Strength member material	Sheath material
FTTH-06001	2xSMF	FRP	PVC
FTTH-06002			LSZH
FTTH-06003		Steel Wire	PVC
FTTH-06004			LSZH
FTTH-06005	1xSMF	FRP	PVC
FTTH-06006			LSZH
FTTH-06007		Steel Wire	PVC
FTTH-06008			LSZH

*Special cable design or
different fiber type is
available upon request*